

THE UNIVERSITY OF MICHIGAN

*Regents Communication*

**ACTION REQUEST**

Adopted by the Regents

May 14, 2009

**Subject: Report of Faculty Retirement**

**Action Requested: Adoption of Retirement Memoir**

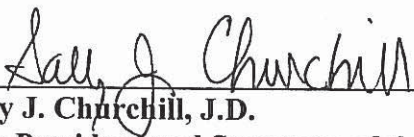
**John L. Gland, Ph.D.**, professor of chemistry and applied physics in the College of Literature, Science, and the Arts, will retire from active faculty status on May 31, 2009.

Professor Gland received his B.A. degree from Wittenberg University in 1969 and his Ph.D. degree from the University of California, Berkeley, in 1973. From 1973-82, he was employed as a research chemist at the General Motors Research Laboratories, and from 1982-88 he was a senior research chemist at the Exxon Research and Engineering Company Corporate Research Lab. He joined the University of Michigan faculty in 1988 as professor of chemistry and professor of applied physics in the College of Literature, Science, and the Arts, and professor of chemical engineering in the College of Engineering. He retained the latter appointment until 2004.

Professor Gland's principal research efforts were focused on the chemical properties and reactivity of solid surfaces. His interests included molecular mechanisms of hydrogenation reactions on metal surfaces, in-situ X-ray methods for characterizing the bonding and reactivity of adsorbed species, mechanisms of olefin partial oxidation on silver based catalysts, and thin film materials for chemical sensing. He pioneered the development of fluorescence yield near edge spectroscopy, a powerful method for characterizing absorbed monolayers and surface reactions in reactive atmospheres. Professor Gland collaborated widely with both private sector and national laboratories, which afforded his students a broad array of research experiences. His extensive research work has been summarized in over 180 scientific publications. He has trained more than 20 doctoral and postdoctoral students and numerous undergraduates in research. He has chaired the Colloid and Surface Science Division of the American Chemical Society, served on the editorial advisory board of the prestigious surface science journal, *Langmuir*, and was awarded the Giuseppe Parravano Award in Catalysis from the Michigan Catalysis Society.

The Regents now salute this distinguished scholar by naming **John L. Gland professor emeritus of chemistry and applied physics.**

**Requested by:**



Sally J. Churchill, J.D.

Vice President and Secretary of the University

May 2009